

LQM21NNR15K10#

“#” indicates a package specification code.

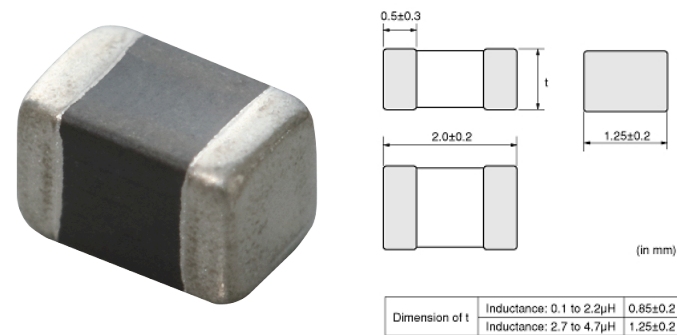
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NNR15K10B LQM21NNR15K10D LQM21NNR15K10J

Appearance & Shape



References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| B | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |
| J | 330mm Paper Tape | 10000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.01g |

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

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Specifications

| | |
|--|---------------|
| L size | 2.0±0.2mm |
| W size | 1.25±0.2mm |
| T size | 0.85±0.2mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 0.15μH±10% |
| Inductance Test Frequency | 25MHz |
| Rated current (Isat) (Based on Inductance change) | 250mA |
| Rated current (Itemp) (Based on Temperature rise) | 250mA |
| Max. of DC resistance | 0.32Ω |
| Class of magnetic shield | Ferrite Core |
| Q(min.) | 20 |
| Q Test Frequency | 25MHz |
| Self resonance frequency (min.) | 270MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Series | LQM21NN_10 |

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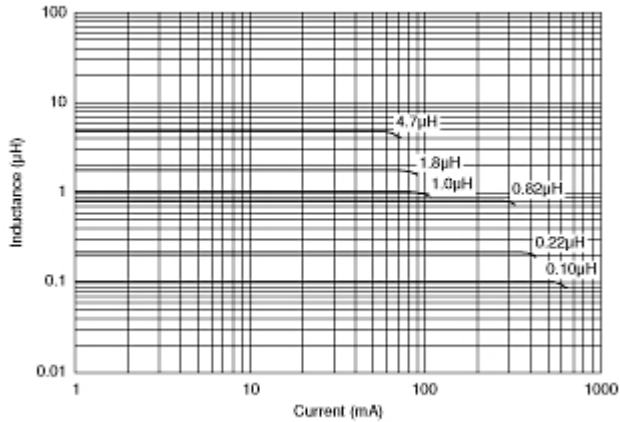
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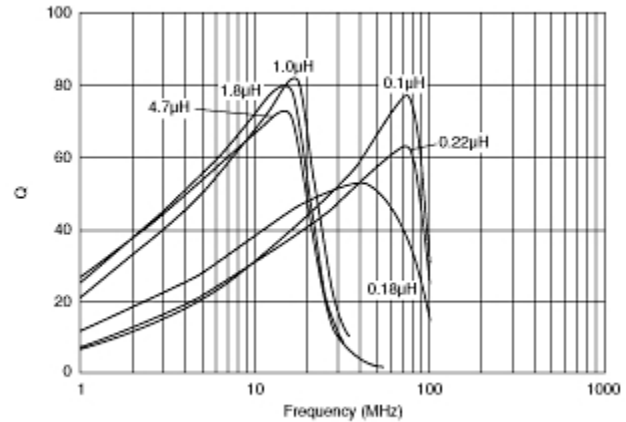
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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